[0038] FIG. **14** is a perspective view of an example cryosurgery kit according to an example embodiment of the present invention. The cryosurgery kit may include the container **100**, which itself may include the base **140** and the cover **150**. The cryosurgery kit may also include the cryogen bottle **160**, a plurality of applicator tips **300**, the valve actuation assembly **120**, the reservoir **130**, the door **184**, and an information booklet **400**. The cryogen bottle **200** is situated in the depression **160** such that the cryogen bottle **200** is tilted back from a vertical position. Applicator tips **300** may be stored in the second depression **180**. The door **184** may aid in keeping the applicator tips **300** from inadvertently spilling out of the second depression **180** and may prevent excess dirt, dust, moisture or other foreign material from settling on the applicator tips **300**. One applicator tip **300** may also be pre-attached to the hub **220** of the cryogen bottle **200**, in order to show proper assembly. The information booklet **400** may be stored in the fourth depression **190**. In addition, a card (not shown) including a brand name, picture, diagram or other product information, including treatment instructions and recommendations, may be inserted or mounted in the fourth depression **190**.

[0039] The cryosurgery device stored in container **100** may be used, for example, to treat warts, skin tags and other skin lesions. In operation of this device, the cryogen bottle **200** is removed from the frustoconical depression **160** of base **140** and placed in an upright position. An applicator tip **300** is then removed from the second depression **180** in the base **140** and screwed onto the hub **220** of the cryogen bottle **200** via threads **260**. The cryogen bottle/applicator tip assembly is then turned upside down and caused to mate with the valve actuation assembly **120**. In so doing, the cryogen bottle **200** is rotated until the aligning ribs **250** of the hub **220** are in alignment with, and engage with, the aligning recesses **126** of the valve actuation assembly **120**. The arcuate keys **124** of the valve actuation assembly **120** and the slots **240** of the hub **220** are positioned relative to the aligning recesses **126** and the aligning ribs **250**, respectively, in such a manner, that the arcuate keys **124** engage with the slots **240** simultaneously to the aligning ribs **250** engaging with the aligning recesses **126**. A downward force is then applied by hand to the cryogen bottle **200** for a time period of, for example, approximately 2 to 3 seconds. As mentioned with regard to FIG. **10**, the width and depth of the base **140** are substantially greater than the diameter of the valve actuation assembly and the diameter of the cryogen bottle **200**, which may allow the base **140** to remain stable and not tip as the downward force is applied to the valve actuation assembly **120**. During application of the force, the arcuate keys **124** press down on the annular shoulder of the valve **230**, situated directly beneath the slots **240**, and actuate the valve **230**. As a result, the valve **230** is opened and refrigerant from the cryogen bottle **200** enters the applicator tip **300** and travels through the lower and center sections **320**, **330** of the applicator tip **300**. When the refrigerant reaches the upper section **340** of the applicator tip **300**, the refrigerant is channeled through grooves **370** onto the porous cylindrical tip **350** and into the reservoir **130**. As the refrigerant flows onto the cylindrical tip **350**, the tip **350** is cooled to a temperature of approximately −20° C. or less. The force is then removed from the cryogen bottle **200**, thereby causing the aerosol valve **230** to close and the flow of refrigerant to cease. The cryogen bottle/applicator tip assembly is then removed from the valve actuation assembly **120**, and the applicator tip **300** is applied to a wart, skin tag or other skin lesion for an appropriate period of time.

[0040] The above-mentioned container **100** having base **140** with depressions for storage and a valve actuation assembly **120** for operation has several advantages. First of all, the parts of the cryosurgery device are stored in one place. In addition, the valve actuation assembly **120** and reservoir **130** are connected to and/or integrated into a stable base **140** that will remain steady even when a non-vertical force component is introduced into the cryogen bottle **200** during actuation of aerosol valve **230**. Furthermore, the reservoir **130** ensures that the refrigerant expelled from the cryogen bottle **200** is retained near the porous cylindrical tip **350** of the applicator tip **300**, efficiently utilized and not inadvertently spilled.

[0041] In an alternative embodiment of the cryosurgery device, no applicator tip **300** needs to be screwed onto the hub **220** of the cryogen bottle **200**. Instead, refrigerant from the cryogen bottle **200** may simply be injected directly into the reservoir, and a swab may be subsequently immersed in a resulting pool of refrigerant in the reservoir **130**. In certain embodiments, the swab may be an applicator tip **300** that has not been chilled by refrigerant as described above, but is manually inserted into reservoir disconnected from the cryogen bottle **200** After a prescribed period of time, the swab may be removed from the reservoir and applied to a wart, skin tag or other skin lesion.

[0042] The foregoing description discloses only exemplary embodiments of the invention. Modification of the above-disclosed apparatus which falls within the scope of the invention will be readily apparent to those of ordinary skill in the art. Accordingly, while the present invention has been disclosed in connection with exemplary embodiments thereof, it should be understood that other embodiments may fall within the spirit and scope of the invention, as defined by the following claims.

What is claimed is:

1. A container for a cryosurgery device which includes a cryogen bottle, comprising:

a container body including an internal space configured to hold the cryogen bottle; a valve actuation assembly mechanically coupled to the container body, the valve actuation assembly configured to actuate a valve on the cryogen bottle; a reservoir positioned relative to the valve actuation assembly so that the reservoir receives refrigerant from the cryogen bottle when the valve on the cryogen bottle is actuated using the valve actuation assembly.

2. The container of claim **1**, wherein the reservoir is situated beneath the valve actuation assembly.

3. The container of claim **1**, further comprising:

a base, wherein the valve actuation assembly and the reservoir are integral parts of the base; and a cover configured to form a closed volume with the base, the closed volume dimensioned large enough to contain the cryogen bottle.

4. The container of claim **3**, wherein a width and a depth of the base are substantially greater than a diameter of the cryogen bottle and a diameter of the valve actuating assembly.

5. The container of claim **3**, wherein the base includes a first depression into which the cryogen bottle may be placed.

6. The container of claim **5**, wherein the first depression is approximately frustoconical.

7. The container of claim **6**, wherein the first depression has an approximately circular bottom and is oriented such that